

## ABSTRACT

A portable electronic device (1) of the present invention includes an antenna duplexer (10), an antenna (20), a cover (40), and a button (42). The antenna duplexer (10) performs a switching between transmit and receive signals. A switch (30) is electrically connected between the antenna duplexer (10) and the antenna (20). The button controls the opening and closing of the switch. By pushing the button between two positions, a user connects or disconnects the switch, thereby confining entering calls for the electronic device mobile phone function. Other functions of the mobile phone thus will operate without interruptions when the switch (30) is opened.